

**The Office of Solid Waste Reduction and Recycling**

The Office of Solid Waste Reduction and Recycling (**Office**) was created by the Act. The Office, in accordance with the Act, provides technical assistance, educational programs and grant funding to local governments, schools, colleges and universities regarding solid waste management issues.

**The Education and Technical Assistance Section's Fiscal Year 2002 Annual Report**

*The following report is provided by the Education and Technical Assistance Section of the Office. This report has been included to detail the activities of the section for FY02:*

**Education:**

The Office offered the following educational programs throughout the FY:

"Action for a cleaner tomorrow: A South Carolina Environmental Curriculum Supplement" ("Action") "Action" is one of the centerpiece educational programs of the Office. "Action" is a national award winning interdisciplinary, activity-based, kindergarten through 12<sup>th</sup> grade curriculum supplement that provides lessons and hands-on activities. Lessons cover air, water, solid waste, energy and litter issues including many that have South Carolina specific information. Teachers across South Carolina can set up and then attend a three-hour workshop offered by the Office to learn how to use "Action" and receive other support materials. The workshop and curriculum supplement are provided at no cost to schools and teachers.

Highlights for FY 2002 include:

- Work began on the correlation of "Action" to the South Carolina language arts, social studies and mathematics standards.
- Work began on the update of the "Action" CD-ROM to include new lessons, new public service announcements and the new standards.
- Staff trained 2,108 teachers in 37 workshops.

***"Energy 2 Learn"***

The annual summer teacher workshop, "Energy 2 Learn," was held in Columbia. Nearly 200 teachers and educators from throughout the state were trained on "Action." The teachers attended sessions on the "National Energy Education Development Project" ("NEED") and the "Palmetto Energy Awards Program" ("PEAP"), "Love a Tree South Carolina" and the "Green Driver Project." In addition, the teachers attended sessions on water and air as well as participated in a treasure hunt. The treasure hunt was an activity for teachers to take a passport and to fill it with stamps by visiting educational booths from other environmental organizations. The Office along with the S.C. Energy Office and the U.S. Postal Service (S.C. Cluster) sponsored the workshop.

***"Green Driver Project"***

The "Green Driver Project," which targets high school driver education classes, continued to grow during FY02 and is one of the most popular programs that the Office offers. The program provides students, who are just learning to drive, with an overview of the environmental impact of driving – lessons that will last a lifetime. Students learn about the importance of used oil recycling, maintaining their vehicles, energy conservation, related air and water issues, litter prevention and safety. A new video "DHEC1: Behind the Oil Change" was completed in July 2002 and will be introduced as part of the program in the fall of 2002. The 14-minute video replicates the format of the "VH1: Behind the Music" series on the VH1 network including using the same narrator, Jim Forbes. The "Green Driver Project" is promoted throughout the

state through mailings, telephone calls, “Action” workshops and presentations. Once the set up is complete, staff teaches the class that day showing the video and using material from “Action.”

Staff made 116 presentations to 5,050 students during the past FY.

### ***“Love a Tree South Carolina”***

“Love A Tree South Carolina,” an activity-based program for students in kindergarten through eighth grade that focuses on the economic and environmental importance of trees, continued this year and was featured at the “Energy 2 Learn” summer workshop for teachers and “Earth Camp.”

Each student who participates in the program receives a packet with information on trees, paper recycling, conservation, forest stewardship and more. Students complete activity sheets and earn points for prizes. The program is designed for students to work independently – with permission from their parents – or teachers can request the materials to be used in their class. All of the materials are provided at no cost. The program was developed in partnership with International Paper.

During the past FY, 2,726 students and 49 teachers participated in “Love A Tree South Carolina.”

### ***“Earth Camp”***

The first “Earth Camp” was held at Camp Long in Aiken on July 14-17, 2002. Work began in January with a series of meetings within and outside DHEC along with research, insurance, promotion, site visits and other issues that needed to be addressed in regards to setting up a summer camp for the first time. Applications were sent to each elementary school in South Carolina in February. Students applied through DHEC Environmental Quality Control (EQC) district directors throughout the state. Forty-eight rising fifth and sixth graders were selected to attend the camp, which provided an in-depth overview of environmental issues. The camp was promoted statewide and campers were selected with the help of DHEC’s environmental district directors. Students arrived Sunday afternoon and participated in a falconer’s presentation. The students attended sessions on recycling, air, water, energy and forestry Monday through Wednesday. They also went swimming, participated in a ropes course and went horseback riding. International Paper, which sponsors “Love A Tree South Carolina,” provided funding for the camp.

### ***“Earth Day USA 2002”***

The Office worked with DHEC’s Environmental Outreach Workgroup to produce “Earth Day USA 2002.” The third annual television program aired April 18 on all South Carolina Educational Television stations and nationwide on PBS stations. The program, which aired 1:00-1:30 p.m., highlighted various environmental issues including energy conservation, air quality, water quality, recycling, hybrid vehicles and coastal issues correlated to the national science standards. The program featured students leading the discussion. Teachers were able to download pre- and post-tests from the Earth Day Web site ([www.scdhec.net/earthday](http://www.scdhec.net/earthday)).

The workgroup helped with many other Earth Day programs across South Carolina during March and April 2002 including events at Coastal Carolina, Rock Hill, Spartanburg, Charleston, North Augusta and Pickens County.

### ***Resource Center***

The Resource Center remained the hub of the Office’s educational and technical assistance efforts. The Center houses magazines, periodicals, videos and other materials relating to solid waste management. The Center also houses all educational materials produced by the Office including fact sheets, activity books, glossaries, brochures and so on. Overall, the Center responded to 3,018 telephone calls on the toll-free recycling hot line, mailed 849 packages of materials and had 105 guests during fiscal year 2002.

### ***National Public Health Information Coalition Awards***

The Office won four National Public Health Informational Coalition (NPHIC) awards in September 2001. The Office won a Silver Award for the “Action” CD-ROM. In addition, the Office won three Bronze Awards: one for the Recycle Guys and Friends Poster; one for the Recycle Plastic Bottles poster; and one for “South Carolina Recycles Magazine.” Office staff designed each of the last three projects.

### ***Recycle Guys Public Awareness Campaign***

The television campaign starring the logo of the Office in public service announcements (PSAs) that began in January 1997 continued to grow – both in numbers and number of states adopting the campaign. The Recycle Guys and Friends now star in 20 30-second or 15-second PSAs on recycling, used oil recycling, air quality and ozone, energy conservation and runoff pollution.

Several PSAs were completed during the fiscal year. In December 2001, the Guys encouraged everyone to recycle Christmas trees as well as buy recycled content cards and wrapping paper in a 15-second spot. Another 15-second PSA debuted in February 2002 and focused on recycling single-serve beverage containers. The most recent PSA completed was a 15-second spot done in partnership with DHEC’s Bureau of Water on not dumping things down storm drains. Also in fiscal year 2002, North Carolina, which adopted the campaign, produced a PSA with the Guys focusing on litter prevention.

In fiscal year 2002, the campaign was adopted by the U.S. Environmental Protection Agency (U.S. EPA) Region IV states (Georgia, Florida, Tennessee, Mississippi, Kentucky and Alabama) as well as Arizona. Other states and cities using the campaign are Pennsylvania, North Carolina and the City of Denver. The campaign was used in Maryland earlier.

The campaign aired across South Carolina several times during the past fiscal year including Earth Day celebrated every April 22 and America Recycles Day (ARD) celebrated every November 15.

### ***Recycle Guys Awards Program***

The top recycling programs, projects and people were honored January 25 during the seventh annual Recycle Guys Awards Program in Columbia. Donna Sightler of Greenwood County was named Recycling Coordinator of the Year while Horry County was recognized for having the Best Local Government Education/Awareness Program.

Santee Cooper was given the Outstanding Achievement Award for its Give Oil For Energy Recovery or GOFER used oil recycling program. Other winners were: Clemson University, Best College/University Recycling Program; Housing Authority of Greenville, Most Creative; Georgetown County, Best Composting Program; S.C. Department of Alcohol and Other Drug Abuse Services, Best State Agency; Draexlmaier Automotive of America, Best Industry Program; Circle Environmental, Inc., Best Waste Reduction Program.

In special recognitions, Patsy Turner, Mary Urias and Harry Phillips of Fairfield County were honored for their work in setting up Keep Fairfield Beautiful. Paula Webster of International Paper was recognized for her work in setting up the “Love A Tree South Carolina” environmental education program with the Office. Angie Perry and Mary Margaret Mendenhall were recognized for their environmental education work throughout South Carolina. Pat Ruff of Cowpens National Battlefield was honored for her work with the recycling partnership with the Office. And Myra Reece, director of DHEC’s Lower Savannah Environmental Quality Control District centered in Aiken, was recognized for her work and leadership on environmental education and outreach.

### ***America Recycles Day (ARD)***

An American flag made from recycled aluminum cans in Aiken County, a statewide television program, interactive recycling adventures for students in York County and at Fort Jackson, and more than 37,000 residents signing challenge cards highlighted ARD activities in South Carolina.

ARD is held every November 15 to promote recycling and buying products made from recycled-content materials. South Carolina, which has been involved since the first national celebration was held in 1997, has developed one of the nation's best programs.

"America Recycles Day South Carolina" aired September 4 on local S.C. Educational Television (S.C. ETV) stations across the state. The hour-long, live call-in program featured Jim Welch, co-host of S.C. ETV's "NatureScene" as well as a panel and audience of recycling professionals. Panelists included Tim Houston of the U.S. Postal Service (Greater S.C. Cluster), Ted Campbell of the Recycling Market Development Advisory Council (S.C. Department of Commerce) and Elizabeth Rosinski of the Office. The studio audience consisted of recycling coordinators and teachers as well as business and industry recycling representatives.

The American flag measured 100 feet by 60 feet and was put together by Aiken County residents and workers at the Savannah River Site. The "recycling adventures" were held for fourth graders in Richland and York counties. Students that attended the two-hour events had the opportunity to participate in "recycled" games, make recycled crafts and learn from lessons being taught on recycling, energy conservation and reducing litter.

Other events held across the state included a "Close the Loop" school store grand opening at North Myrtle Beach Elementary School. The store sells recycled content supplies such as pencils and paper.

One of the centerpiece efforts of the national campaign is to have each state collect cards signed by residents. The cards challenge residents to recycle, buy recycled or support a recycling program or event in their community. South Carolina collected 37,471 cards, ranking in the top 10 nationally.

Christie Wright, a resident of Easley, was the grand prizewinner. She received \$1,000 cash, courtesy of the S.C. Soft Drink Association.

Essay contests were held this year for Recycling Family, Teacher and School of the Year. Christine and Tim Milstead of Newberry won the Recycling Family of the Year contest. The Milsteads won \$1,000 courtesy of International Paper. The Avossa Family of Simpsonville and The Waddell Family of Easley were runners-up and received \$500 each, courtesy of International Paper.

Crowders Creek Elementary/Middle School of Clover won the Recycling School of the Year award. They received \$1,000 of educational materials and 100,000 sheets of recycled content paper. The Recycling School of the Year runners-up were: Gold Hill Middle School from Fort Mill; Northside Elementary School from Rock Hill; Carolina Forest Middle School from Myrtle Beach; and Oakview Elementary School from Simpsonville. They received 25,000 sheets of recycled content paper, courtesy of International Paper.

Marilyn Muckenfuss, teacher from Stiles Point Elementary School in Charleston was named the Recycling Teacher of the Year. She received \$1,200 courtesy of International Paper to attend the National Recycling Coalition's annual congress, September 8-11, 2002 in Austin, Texas.

ARD in South Carolina is organized by a public-private statewide steering committee. The committee includes S.C. ETV, Fisher Communications, Fort Jackson, Horry County, International Paper, Keep the Midlands Beautiful, Oconee County, Paper Stock Dealers/Sonoco, Recycling Market Development Advisory Council, Rock Hill Clean and Green, S.C. Conservation District Employees Association, S.C. Department of Education, DHEC, S.C. Energy Office, S.C. Press Association, S.C. Soft Drink Association, U.S. Postal Service (Greater S.C. Cluster) and York County.

Storey Named to National ARD Board of Directors. Holly Storey, project manager of ARD in South Carolina for the Office, was elected to the National ARD Board of Directors. Storey was one of two state representatives elected to the Board by America Recycles Day coordinators across the country. As a board member, she is representing other state coordinators for a one-year term that began March 30, 2002.

## **Technical Assistance:**

### ***Recycling Market Development Advisory Council (RMDAC)***

The Office provided \$150,000 annual funding for RMDAC activities. The mission of RMDAC, which is housed at the S.C. Department of Commerce, is to assist in the development of markets in South Carolina for recovered materials and products with recycled content with the primary goal of improved solid waste management, resource conservation and economic development. The council is a 14-member group, appointed by the Governor, consisting primarily of recycling industry representatives. RMDAC reports annually to the Office on the state of recycling in South Carolina, barriers affecting recycling and recommendations to facilitate market development.

### ***Used Motor Oil Recycling***

Through a blend of grant funding, education and partnerships with local governments, the Office has helped develop one of the nation's best used oil recycling programs targeting do-it-yourself (DIYers) oil changers.

The amount of used oil recycled by DIYers in South Carolina increased to more than 1.1 million gallons in 2001 – the 11<sup>th</sup> consecutive year a record amount was collected. DIYers recycled 1,147,500 gallons of used oil last calendar year. Since the program began, DIYers have recycled more than 7.8 million gallons of used oil.

In addition, DIYers recycled 241 tons of oil filters and 100 tons of oil bottles. The amount of oil bottles recycled fell by 68 tons from the previous year due to several reasons including market developments and the issue of dirty bottles and chips.

New used oil recycling collection tanks, 14 agricultural tanks and 13 oil/gasoline mixture tanks, have been set up in several counties. Oil bottle drain racks have been placed in 34 counties to encourage DIYers to drain oil bottles before recycling. The vendor who accepts the recycled oil bottles wants clean bottles.

### ***Business Recycling Assistance Program (B-RAP)***

A collaborative partnership between the Office, DHEC's Center for Waste Minimization and the Recycling Market Development Advisory Council (S.C. Department of Commerce), B-RAP was set up to provide technical assistance to businesses, industry, trade associations and others on waste reduction, recycling, buying recycled and recycling market development. The Business Recycling Assistance Program (B-RAP), which became official in November 2001, will provide much-needed, free technical assistance that will include site visits to assess opportunities for better waste management as well as providing materials, training and educational workshops, the latest market trends and updates on recycling legislation and incentives. B-RAP also will promote U.S. EPA's WasteWise program and publish a quarterly newsletter.

### ***WasteWise***

The U.S. EPA recognized DHEC as WasteWise endorser of the Year in ceremonies held in Washington, DC in February 2002. DHEC was praised for its comprehensive awareness campaign to promote WasteWise and recognized its outstanding efforts to distribute information to numerous target audiences including other state agencies, local governments, businesses, schools and others throughout South Carolina. As part of its endorser activities, DHEC spreads the word about WasteWise through printed materials, visual displays, an extensive Web site and on-site visits.

DHEC, led by the Office, joined WasteWise in 2000 as a member and endorser. As an endorser, DHEC promotes the program and encourages others to join.

WasteWise is a free, voluntary partnership program administered by the U.S. EPA that helps organizations prevent waste, recycle and buy recycled or manufacture recycled products, thus benefiting their bottom line and the environment. The program is flexible and allows partners to design their own plans tailored to their needs. The program began in 1994 and has more than 1,000 partners nationwide.

### ***S.C. WasteXchange***

The S.C. WasteXchange, a Web site dedicated to helping businesses and industries find sources of valuable materials for recycling or find a buyer for their production by-products, began trading on-line on December 10, 2001. The Web site, [www.sc.wastexchange.org](http://www.sc.wastexchange.org) is a collaborative effort of the Office, Recycling Market Development Advisory Council and the S.C. Manufacturing Extension Partnership. The statewide service is part of larger regional network operated by the Southeast Waste Information Exchange (SWIX), allowing users to post free ads for materials wanted or available for reuse and recycling.

### ***DHEC's Waste Reduction and Recycling Policy***

DHEC's Waste Reduction and Recycling Policy, developed by the Office, outlines waste reduction and recycling responsibilities of each employee through Rules, Procedures and Actions. This policy aids DHEC's efforts in accordance of the Act, Section 44-96-140. The Office assists the DHEC Recycling Coordinator (RC) in setting up waste reduction and recycling at DHEC locations around the state and assists with the continuous education and training effort.

On May 1, 2002 a free satellite forum "Communities: Setting Trends in Waste Prevention and Recycling" was offered by the U.S. EPA and sponsored by the Office and the Medical University of South Carolina. The two-hour interactive program, which was set up in Columbia and Charleston, was offered statewide to DHEC building recycling coordinators, local government and state agency recycling coordinators.

In addition, the Office made several sites visits to DHEC locations around the state to assist and offer suggestions to the office waste reduction and recycling programs.

### ***DHEC's Buy Recycled Policy***

DHEC's Buy Recycled Policy, developed by the Office, is committed to preventing waste whenever possible through the efficient use of natural resources. One of the ways this can be done is by buying products that are recyclable or made from recycled content material. The policy is in accordance with the Act, Section 44-96-140.

DHEC's Bureau of Business Management provides regular Direct Purchasing Trainings and updates to Direct Purchasing Officials (DPOs), which are located in various program areas throughout the state. This training covers DHEC's recycling program and not only outlines the intent of the Buy Recycled Policy, but also reinforces why each employee is responsible for complying. The Office assists Business Management by reviewing the reporting and tracking procedures for all purchases, including recycled content items. The regular DPO trainings are vital to providing purchasing staff with continuous education regarding the implementation and ultimate success of the Buy Recycled Policy.

In addition, DHEC's Bureau of Business Management designed a special electronic reporting form to be used for all DHEC purchases of recycled-content materials and services. This form, which is located on DHEC's Intranet, is designed to capture purchases that are not tracked on Business Management's main tracking system, Administrative Information Management System (AIMS). For example, credit card purchases are not tracked on AIMS. AIMS will track recycled-content purchases if non-credit card purchases have been logged in correctly. Like the DPO trainings, staff attending AIMS trainings review the proper procedures for logging in purchases and denoting the recycled content of purchased products. This training is vital to the success of Business Management's tracking system to ensure all purchasing staff is following the Buy Recycled Policy correctly.

The Office continued to provide buy recycled and surplus technical assistance for agency procurement contracts and services and supports ongoing educational efforts provided by Business Management.

The Office also participated in the 2001 S.C. Association of Governmental Purchasing Officials (SCAGPO) conference. The Office's presentation included a review of the Act, examples of recycled-content products that are available and addresses for helpful Buy Recycled Web sites. The Office also made this information available to SCAGPO's on-line bulletin board.

The Office also worked with the S.C. State Budget and Control Board's Office of General Services Central Supply to identify office supplies that have recycled content and to get these items identified in its catalog and Web site. The S.C. State Budget and Control Board's Material Management Office (MMO) also is working with the State Central Supply Office and DHEC to make purchasing recycled content items easier.

MMO has approached the increased purchasing of recycled contents products in two ways. The first is providing a choice of recycled content versus virgin products on several statewide contracts, such as office supplies (post-it notes, index cards, binders), paper (copy paper, clasp envelopes, etc.) and other paper products (toilet tissue, hand towels, etc.). The second is that MMO has begun working closely with DHEC and private industry to develop and maintain non-restrictive recycled content specifications based on industry standards for use by all state agencies, other governmental entities as well as the public. These specifications will be available on the MMO Web site.

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The Office also worked with MMO on three state contracts, re-refined oil, re-refined antifreeze and carpet.

In the past calendar year, DHEC's percentage of purchases with recycled content compared to total dollar amount of purchases was 2 percent. This number is believed to be lower than the actual percentage because of the need for increased awareness on tracking recycled-content purchases. In South Carolina, the law allows a price preference for purchasing products with recycled content, but it is not mandatory as is the case in some states.

DHEC's purchases include office paper and paper products, re-refined motor oil, laser toner cartridges, pencils and pens. In addition, DHEC identifies recycled-content products in its supply catalog.

### ***State Agencies/Colleges and Universities Recycling, Waste Reduction and Buy Recycled 2001 Annual Report***

State agencies, colleges and universities recycled nearly 100,000 tons of material in the first six months of 2001, according to a report compiled by the Office. In addition, state agencies reported that about 15 percent of their total purchases in the same time period were for recycled content products while colleges and universities reported about 17 percent.

The information was compiled for the first State Agencies/Colleges and Universities Recycling, Waste Reduction and Buy Recycled 2001 Annual Report. This report and the submission of the information are required by amendments made to the Act in October 2000. Subsequent annual reports will reflect information for the entire fiscal year. The Office is responsible for the compilation of the information, writing a report and providing the report to the Governor and General Assembly.

All state agencies, colleges and universities were sent a one-page survey to complete regarding their waste management practices. Overall, 56 state agencies and 24 colleges and universities reported. Of those reporting, 41 state agencies and 22 colleges and universities reported waste reduction practices. The survey only requested types of waste reduction practices and not any measurement of the activity. The report form also requested the percentage of recycled-content products purchased compared to total (dollar) amount of total purchases.

The report recommended that more statewide contracts be developed for recycled content products and that real estate lease agreements include waste reduction and recycling in housekeeping and maintenance specifications.

Finally, the Office offered technical assistance and site visits for the agencies and universities.

### ***Welcome Centers***

For the sixth consecutive year, the Office has provided technical assistance to the S.C. Department of Transportation (DOT) to offer recycling at the Welcome Centers. There are nine Welcome Centers in South Carolina. Presently, recycling is offered at six locations. Recycling is usually accomplished through

partnerships with the DOT maintenance contractor, S.C. Department of Parks, Recreation and Tourism staff and the local government's solid waste department.

### ***Household Hazardous Materials (HHM)***

The Office is a Board member of the North American Hazardous Materials Management Association (NAHMMA). NAHMMA is a non-profit organization dedicated to reducing hazardous materials entering the municipal waste stream from households, businesses, industries and other entities. Membership-based, the association is comprised of individuals from government, business and the environmental community who are committed to pollution prevention. The Office assists with the national annual conference planning to ensure that Southeast issues are being addressed.

The Office also designed an Electronics Recycling Grant and a Permanent Household Hazardous Materials Collection Facility Grant for local governments.

The Office also assisted with York and Charleston counties electronic collection events and assisted Oconee County with its HHM collection event.

The Office is a member of the Carolina Recycling Association's (CRA's) Household Hazardous Waste Council, HHWC.

### ***Product Stewardship***

The Office has worked with the Product Stewardship Institute on the electronics and paint dialogues. The Office assisted RMDAC in researching the need for an electronics recycling state contract. The Office together with DHEC's Bureau of Business Management will draft a Request for Proposal (RFP) for the S.C. State Budget and Control Board's Chief Information Office for the management of unwanted surplus electronic equipment.

### ***Asphalt Rubber Technology Service (ARTS)***

Based at Clemson University, ARTS is responsible for promoting rubberized paving and other value-added uses for crumb rubber from waste tires. The program is funded with a grant from the Office. In fiscal year 2002, ARTS held a series of educational seminars that targeted civil engineering uses for waste tires. The one-day seminars, held in Charleston, Columbia and Greenville, targeted local governments, S.C. Department of Transportation, city and county engineers, contractors and others who were interested in learning more about ways to reuse tires. Seminar subjects were: "The Basics of Rubberized Asphalt;" "Crumb Rubber's Civil Engineering Applications;" and "Rubberized Asphalt: The Basics of the Arizona Process." The final set of seminars were "Rubberized Asphalt: Project Overviews" and were held in all three of the previously mentioned locations.

Also in fiscal year 2002, ARTS completed three paving projects using rubberized asphalt. One of the projects involved placing rubber modified hot mix asphalt (HMA) in parking lots and other areas at several schools in Pickens County. The two other projects, both in Anderson County, also placed rubber modified asphalt in two different areas on a newly constructed road.

### ***Recycling Coordinators Workshop***

The Office, in conjunction with the CRA held a Recycling Coordinators Workshop on November 7-8, 2001 at the University of South Carolina. The sixth annual workshop attracted 75 recycling coordinators and other solid waste professionals. Issues discussed included the Product Stewardship Institute, a partnership of state and local governments, industry, environmental groups, consumers and others who work to protect public health and the environment from the adverse effects of consumer products. Becky Barnes of PalmettoPride: the Governor's Council on Beautification and Litter discussed her organization. Linda Slater of Charleston County discussed electronics recycling in the county. Laura Pergolizzi talked about USC's waste management and recycling program. Updates also were given on CRA's work.



## ***Composting***

Since compostable material makes up more than 60 percent of materials disposed in landfills, the Office has made a significant commitment to technical assistance for both backyard and large-scale composting efforts and programs.

For large-scale composting programs, the Office helped develop and participated in a Composting School in Rock Hill, October 10-12, 2001. The Office also developed two technical information sheets that offered a “how to” approach for facilities regarding working with DHEC so that the facilities could effectively compost, avoid disposal and create a marketable product. The technical information sheets were: “Getting into the Large-Scale Composting Business” and “Large-Scale Composting: Getting in the Business – Day-to-Day Operations.” In addition, the Office organized application information and prepared packets for applicants wishing to register composting facilities.

For backyard composting efforts, the Office chaired a steering committee that developed the Gardening and Recycling Organics Wisely (GROW) program. Promoting a holistic approach, the Office developed educational materials in partnership with Seattle, Washington on a variety of subjects to put waste reduction in a larger context that creates a healthy environment. The topics included: Growing Healthy Soil; Composting at Home; Smart Watering; Natural Pest, Weed and Disease Control; and Choosing the Right Plants for a Beautiful, Trouble-Free Garden.

The Office also helped develop, organize and participate in the Partners in Landscaping And Naturescaping Training (PLANT) workshop in Columbia on October 24, 2001. The Carolinas Composting Council and the Office sponsored this program. PLANT has been replaced in South Carolina with GROW.

Finally, the Office presented a PLANT workshop at the CRA conference in Asheville in March 2002.

The Office also provided technical assistance on several vermicomposting projects including moving the Worm Wigwam unit at the Laurens County Adult Day Center to Forest Acres Elementary School in Pickens. The composting bins at Broad River Correctional Institution were moved to a Lexington County organic farmer.

Finally, the Office continued as a member of the Steering Committee for the CRA’s Composting Council and as a member of the Midlands Recyclers Network.

## ***Printed Materials***

The Office designed many publications, advertisements and displays for not only for its programs and projects but also for local governments, state agencies and other organizations. Some of the projects are listed below.

“The State of Recycling in South Carolina 2001,” an annual report detailing the state’s recycling successes and challenges, was designed and printed in April.

A “Recycling for Humanity” brochure was produced in November for a partnership that includes the Office, the Recycling Market Development Advisory Council and Habitat for Humanity.

A logo, notepads, presentation folders, display and brochure for the Office’s new B-RAP was produced in October. A series of fact sheets were designed and printed later in the year and a new Web page was designed as well.

Artwork for promotional items, including pencils, T-shirts, lunch bags, notepads and stickers, was produced in June for ARD 2001. Challenge cards for adults and children also were redesigned and printed (about 125,000 cards in all). A poster entitled “Shopping with the Environment in Mind,” which emphasized the importance of buying recycled products, was printed in July. An ARD brochure and an Essay Contest brochure designed and printed as well. Two ARD displays also were constructed for use throughout the state.

ARD 2002 challenge cards for adults and children were redesigned and reprinted in June. The essay brochure was also edited and printed. A new ARD Planning Guide for county recycling coordinators also was developed and printed.

The second edition of the “Science Fair Project Guidebook” was designed and printed in May. It included 10 new experiments for testing air and water quality, conserving energy, natural resources as well as learning about coastal resources.

A logo and fact sheet was designed for the Office’s new Green Driver Project, an environmental awareness program for high school driver’s education classes. An activity book for “green riders” (elementary and middle school children) also was designed, printed and distributed in May.

An Earth Camp logo and brochure were designed in May. Artwork for Earth Camp promotional items, including T-shirts, journals, change pouches, duffle and messenger bags and sun visors also was produced.

The PLANT workbook, originally developed by a local government in North Carolina, was redesigned and edited to include South Carolina-specific information. The 110-page book included extensive indigenous plant lists identifying beneficial and invasive species by scientific and common names.

In May, a logo and two technical assistance guides were developed for the Office’s new Gardening and Recycling Organics Wisely (GROW) program.

Nomination forms, invitations and a program for the Office’s annual Recycle Guys awards program were designed and printed in December. Award certificates also were produced for each winner.

The Summer 2001 edition of the “South Carolina Recycles Magazine” was designed in June. It was printed and distributed in July. The Winter 2002 edition of the “South Carolina Recycles Magazine” was designed in December. It was printed and distributed in January. The Spring 2002 edition of the “South Carolina Recycles Magazine” was designed in March. It was printed and distributed in April.

The first edition of the “South Carolina Recycles” newsletter was designed, printed and distributed in June 2002. The publication replaces the Office’s quarterly magazine in an effort to provide more specific information to the state recycling coordinators. Two other new newsletters, which were in production in June, will target South Carolina teachers and businesses.

## The Grants Section of the Office of Solid Waste Reduction and Recycling

### Grants Overview:

The Office is charged with assisting the counties and municipalities of South Carolina to achieve their source reduction and recycling goals. One of the ways the Office does this is by providing grant funds from the Solid Waste Trust fund, enabling counties and local governments to implement source reduction and recycling programs. The Grants Section of the Office of Solid Waste Reduction and Recycling, in accordance with the Act, provides monetary support to local governments and schools across the state through 6 specific grant programs. A total of \$3,051,010 was awarded during FY02 through six specific grant programs. [A summary of the FY02 programs is located in Table 9.0.](#)

**Table 9.0 GRANT SUMMARY FY02**

Grant Program	Award amount
Solid Waste Grant	\$200,000
Waste Tire Grant	1,750,307
Automobile Dismantler Grant	262,818
Used Oil	677,815
Recycling Education Grant	60,972
Collegiate Recycling Grant	99,098
Total	\$3,051,010

The ***Solid Waste Grant Program*** is funded from fees on appliances and lead-acid batteries. These items have a fee of \$2 that is charged upon purchase at the retail level. The fees from these items fund general solid waste projects. This grant program is made available to counties or municipalities in South Carolina. These changes became effective during the fiscal 2002 grant period. Three counties received solid waste grants for fiscal year 2002. [Refer to Table 9.1 below for awards by county.](#)

**Table 9.1 FY02 RECYCLING AND WASTE REDUCTION GRANT SUMMARY**

CHARLESTON COUNTY	\$55,263.00
Grant funds awarded for the county to implement a pilot program for the collection of electronic waste items. The program will include mainframes, computers, monitors, displays, televisions, communication and navigation equipment, personal digital assistants (PDA's), test equipment, cameras, VCR's, radios, microwave ovens, stereos, game boys, CD players, etc. This program will be limited to household origin. Grant funds awarded for public education, Gaylord boxes, and contractual costs for a certified recycler and transportation costs.	
DARLINGTON COUNTY	\$22,000.00
Grant funds awarded to purchase a horizontal baler from the City of Rock Hill. The baler will be used primarily to bale PET and HDPE plastic bottles. Note: The County later declined the grant offer.	
CITY OF YORK AND TOWN OF CLOVER	\$122,737.00
Grant funds awarded to purchase a heavy-duty truck to replace an existing vehicle. The vehicle will have the capability of lifting and dumping larger collection bins. This will also allow for the expansion of the curbside recycling program to businesses and small industries. An agreement between the City of York and the Town of Clover ensures that the vehicle is in use five days per week.	

The **Waste Tire Grant Program** is funded from fees on new tires. Every new tire sold in South Carolina has a fee of \$2 collected at the retail level. Of the \$2, forty-four cents goes to the Office for grants to counties. This money is to be used only for activities related to the collection or recycling of waste tires. There are two programs funded from the tire fee, the **Waste Tire Grant** and the **Automobile Dismantler**. **Waste Tire Grant:** Refer to Tables 9.2 and 9.3 in the following text for specifics.

- **Waste Tire Grant:** First priority for these grants is for the removal of illegally stockpiles of waste tires. They may also be used to purchase equipment, for site preparation, transportation, processing or contractor costs associated with the management of waste tires.

**Table 9.2**

**FY02 WASTE TIRE GRANT SUMMARY**

Abbeville County	\$ 6,640.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Charleston County	\$56,355.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Charleston County	\$56,355.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Cherokee County	\$26,650.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Darlington County	\$24,000.00
Funds were awarded for the remediation of a waste tire site located on Godbold Road within the county.	
Fairfield County	\$ 4,000.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Georgetown County	\$11,000.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Greenwood County	\$17,750.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Kershaw County	\$ 6,120.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Lee County	\$17,000.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
Williamsburg County	\$45,000.00
Funds awarded for contractor costs to cover short-fall in their \$1.50 funds.	
<b>Total Awarded:</b>	<b>\$214,515.00</b>

- **Automobile Dismantler Grant:** This grant is used to reimburse counties for the management of waste tires accepted free of charge from salvage yards.

**Table 9.3**

**FY02 AUTOMOBILE DISMANTLER GRANT SUMMARY**

Anderson County	\$23,637.00
Funds awarded for contractor costs to recycle waste tires generated by automobile dismantlers.	
Berkeley County	\$28,571.00
Funds awarded for contractor costs/processing costs and other direct costs to recycle waste tires generated by automobile dismantlers.	
Charleston County	\$15,000.00
Funds awarded for contractor costs to recycle waste tires generated by automobile dismantlers.	
Darlington County	\$15,000.00
Funds awarded for contractor costs to recycle waste tires generated by automobile dismantlers.	
Florence County	\$16,715.00
Funds awarded for contractor costs/processing costs to recycle waste tires generated by automobile dismantlers.	
Funds awarded for contractor costs/processing costs to recycle waste tires generated by automobile dismantlers.	
Laurens County	\$35,000.00
Funds awarded for contractor costs to recycle waste tires generated by automobile dismantlers.	
Pickens County	\$15,000.00
Funds awarded for contractor costs/processing costs to recycle waste tires generated by automobile dismantlers.	
Richland County	\$51,188.00
Funds awarded for contractor costs to recycle waste tires generated by automobile dismantlers.	
Spartanburg County	\$69,993.00
Funds awarded for contractor costs to recycle waste tires generated by automobile dismantlers.	
Three Rivers Solid Waste Authority	\$28,000.00
Funds awarded for contractor costs/processing costs to recycle waste tires generated by automobile dismantlers.	
York County	\$10,000.00 Funds
awarded for contractor costs to recycle waste tires generated by automobile dismantlers.	
<b>Total Awarded:</b>	<b>\$308,104.00</b>

The ***Used Oil Grant Program*** is funded from a fee on motor oil of two-cents per quart, collected at the wholesale level. This money is used to pay counties and municipalities for the implementation of programs associated with the proper disposal of used oil from do-it-yourself oil changers. Other materials managed under this program include oil filters, oil bottles and oil/gas mixtures, and the program has recently been expanded to include accepting used motor oil from small farmers. These projects include education programs as well as collection, disposal or recycling programs. [Refer to Table 9.4 below for awards by county.](#)

**Table 9.4**

**FY02 USED OIL GRANT SUMMARIES**

ABBEVILLE COUNTY	\$22,090.00
Funds were for equipment/supplies and site preparation to establish two new oil sites. Contractor services for oil filter recycling, public education and travel were also awarded.	
ANDERSON COUNTY	\$11,550.00
Funds were awarded for the purchase of equipment and supplies for the establishment of one oil/gas mixture collection site. Public education and travel were also awarded.	
BERKELEY COUNTY	\$5,300.00
Funds were awarded for contractor costs associated with the recycling of oil filters, public education and travel.	
CHARLESTON COUNTY	\$10,500.00
Funds were awarded to purchase signs for use at the used oil collection sites and contractor costs for the recycling of oil filters. Public education and travel were also awarded.	
TOWN OF MOUNT PLEASANT	\$15,199.00
Funds were awarded to purchase equipment for used oil and gas/oil mixture collection tank and site preparation costs associated with the used oil site.	
CHEROKEE COUNTY	15,000.00
Funds were awarded for an alley cat trailer, contractor costs for oil filter collection, public education and travel.	
CITY OF CHESTER	\$10,000.00
Funds were awarded to purchase equipment and supplies for a used oil collection center and to pay contractor costs for recycling oil filters. Public education and travel were also included.	
CHESTERFIELD COUNTY	\$13,000.00
Funds were awarded to purchase carport covers for use at the used oil collection centers and for the purchase and installation of a used oil heater. Funds for travel was also awarded.	
COLLETON COUNTY	\$24,180.00
Funds were awarded for the purchase of used oil equipment and for site preparation of a new used oil site. Funds for contract costs for filter collection, public education and travel were also awarded.	
DARLINGTON COUNTY	\$31,300.00
Funds were awarded to purchase a baler to be used for plastics including oil bottles and for contract costs for recycling oil filters. Funds for public education and travel funds were also awarded. (The county chose not to use the funds for the baler.)	
DILLON COUNTY	\$20,000.00
Funds were awarded to purchase equipment and supplies for the used oil collection centers and for contractor costs for recycling oil filters. Funds were also awarded for public education and travel.	
FAIRFIELD COUNTY	\$42,000.00
Funds were awarded for equipment and supplies for the used oil collection centers, to include the establishment of a gas/oil mixture collection program. Funds for public education and travel were also awarded.	
FLORENCE COUNTY	\$57,180.00
Funds were awarded to purchase equipment and supplies including a 600 gallon tank for farmer oil collection, two carport covers, two concrete pads, and metal signs. Contractor costs for the recycling filter collection program, public education and travel funds were also awarded.	

**Table 9.4 continued****FY02 USED OIL GRANT SUMMARIES**

<b>GEORGETOWN COUNTY</b>	<b>\$26,750.00</b>
Funds were awarded to purchase equipment and supplies for the establishment of a gas/oil collection site and a farmer oil site consisting of tanks, plastic lumber parking stops, and a cover for the tank. Public education and travel funds were also awarded.	
<b>GREENVILLE COUNTY</b>	<b>\$13,100.00</b>
Funds were awarded for equipment for oil/gas mixture tank and contractor costs for filter collection. Funds were also awarded for public education and travel.	
<b>GREENWOOD COUNTY</b>	<b>\$11,000.00</b>
Funds were awarded to purchase one used oil heater including installation. Contractor costs for recycling of oil filters, public education as and travel were also awarded.	
<b>HAMPTON COUNTY</b>	<b>\$16,290.00</b>
Funds were awarded for used oil equipment including an agriculture tank, contractor costs for oil filter collection. Public education and travel funds were also included.	
<b>HORRY COUNTY</b>	<b>\$10,090.00</b>
Funds were awarded for equipment, including a 400 gallon used oil tank, drums and a carport cover. Funds for public education and travel were also awarded.	
<b>JASPER COUNTY</b>	<b>\$13,340.00</b>
Funds were awarded to assist in the development of a new convenience center in Hardeeville. Site development includes paving, laying concrete pads for roll-offs, installing fencing, an attendant's building and used oil equipment. Contractor costs for oil filter recycling, public education and travel funds were also included.	
<b>KERSHAW COUNTY</b>	<b>\$39,900.00</b>
Funds were awarded for equipment and contractor costs for recycling filter collection. Public education and travel funds were also awarded.	
<b>LEE COUNTY</b>	<b>\$36,500.00</b>
Funds were awarded for equipment, filter collection, brochures for public education and travel.	
<b>LEXINGTON COUNTY</b>	<b>\$9,500.00</b>
Funds were awarded for the oil bottle drain table hoist & crane, public education and travel.	
<b>MARION COUNTY</b>	<b>\$6,100.00</b>
Funds were awarded to purchase a trailer and two signs. Funds for contractor costs for oil filter recycling, public education and travel were also included.	
<b>MARLBORO COUNTY</b>	<b>\$11,000.00</b>
Funds were awarded for a waste oil heater including installation and contractor cost for filter collection. Public education and travel funds were also included.	
<b>NEWBERRY COUNTY</b>	<b>\$28,200.00</b>
Funds were awarded for the purchase of a gas/oil mixture tank, a farmer oil tank and two carport covers to enhance the oil collection program. Site prep was awarded to develop a new recycling center. Contract costs for the oil filter collection, public education and travel were also included.	
<b>OCONEE COUNTY</b>	<b>\$25,650.00</b>
Funds were awarded to purchase equipment for gas/oil mixture and farmer oil tank program. Public education, contractor services for oil filter collection and travel were also included.	
<b>CITY OF SENECA</b>	<b>\$2,247.00</b>
Funds were awarded to purchase two tilt containers for oil bottles and filters. Public education and travel funds were also awarded.	
<b>PICKENS COUNTY</b>	<b>\$3,500.00</b>
Funds were awarded for public education and travel.	

The **Recycling Education Grant Program** is a competitive grant program that is available to public and private schools or public school districts. Funding for this program comes from the Petroleum Fund. Funding is available for recycling demonstration projects, resource materials and solid waste education programs. All projects must contain a used oil awareness component promoting the responsible disposal of used motor oil. [Refer to Table 9.5 for specifics by school and/or school district.](#)

**Table 9.5**

**FY02 RECYCLING EDUCATION GRANT SUMMARY**

Aiken County – Warrenville Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for vermi-composting, field trips, and recycling collection programs. Students will participate in vermi-composting, paper recycling, and a field trip to the recycling center. Used oil will be addressed through student-designed posters.	
Anderson School District One for Cedar Grove Elementary (1 <sup>st</sup> round)	\$500.00
Grant funds awarded to purchase recycling resource materials. Projects include a book exchange; school grounds clean-up day, Earth Day Project; telephone book recycling; aluminum can drive, yard sale; and a trash art project. Used oil will be addressed through a poster contest.	
Anderson School District Two for Belton - Honea Path High School (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for recycling resource materials. A Learning Disabled and Emotionally Disable class will organize, maintain, educate, and lead a school-wide recycling program. Programs will include recycling aluminum cans; printer and fax ink cartridges; paper recycling; and recycling contests. Used oil awareness will be addressed through student-made brochures and a newsletter.	
Anderson 4 – Riverside Middle (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling resource materials and composting supplies. Used oil will be addressed through a brochure contest.	
Anderson School District Five	\$4530.00
Grant funds awarded to purchase materials to support recycling programs and activities within the district. Activities include field trips to recycling center, “Recycled Scarecrow” contest, “Rise Above Litter... Recycle!”, phone book recycling contest, Grinding of the Greens, composting, recycling, paper recycling (special education students), and used oil awareness activities. Used oil will be promoted through a poster/essay contest.	
Anderson School District Five (2 <sup>nd</sup> round)	\$1000.00
Grant funds awarded for the District’s Gifted and Talented elementary students to participate in a vermi-composting project. Used oil will be addressed through classroom discussions, lessons, and students designed surveys.	
Barnwell School District #19	\$3,000.00
Grant funds awarded for recycling containers for mixed paper, newspaper, and aluminum cans. Used oil awareness will be addressed through speakers, essay/poster contests, raps songs and skits.	
Barnwell #45 – Guinyard-Butler Middle (2 <sup>nd</sup> round)	\$500.00
Funds awarded for a recycling collection program. Used oil will be addressed through speakers, videos, and skits on Earth Day.	



**Table 9.5 continued****FY02 RECYCLING EDUCATION GRANT SUMMARY**

Berkeley – Sangaree Intermediate (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded to purchase recycling resource materials. Students will partner with elementary age students to make recycled paper and make molded crayons. Used oil will be addressed through student designed posters and surveys.	
Berkeley Co. – Whitesville Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling resource materials and composting. Students will partner with a special needs class to make recycled paper and molded crayons. Used oil will be addressed through a student designed survey and posters.	
Berkeley Co. – Whitesville Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for collection program and recycling resource materials. Used oil will be addressed through Santee Cooper speaker and students designed posters and bookmarks.	
Charleston County School District for James Island Middle (1 <sup>st</sup> round )	\$500.00
Grant funds awarded for recycling resource materials, recycling collection programs, and special events. Used oil awareness will be addressed through activities from Action for a Cleaner Tomorrow.	
Charleston Co. – James Island Middle (2 <sup>nd</sup> round)	\$500.00
Funds awarded for a special event. A school-wide contest for recycling awareness will be held. Used oil will be address with a poster contest and videos.	
Charleston County School District for Minnie Hughes Elementary (1 <sup>st</sup> round)	\$456.86
Grant funds awarded for resource materials. Various recycling books and kits will be used to teach recycling, composting, and used oil awareness.	
Charleston County School District for Orange Grove Elementary (1 <sup>st</sup> round)	\$480.00
Grant funds awarded for field trips to the Charleston County Recycling and Waste Management Center and recycling collection programs. Used oil will be addressed through student presentations and brochures.	
Cherokee Co. – B.D. Lee Elementary (2 <sup>nd</sup> round)	\$500.00
Funds awarded for recycling bins and a shredder. Used oil will be addressed through classroom lessons and a game.	
Cherokee Co. – John E. Ewing Middle (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded to purchase recycling bins. Used oil will be addressed through oil poster or essay contest.	
Cherokee Co. – Gaffney High (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling resource materials, composting, and collection program. Used oil awareness will be addressed through a poster/essay contest. A local vendor will donate four coupons for free oil changes as prizes.	
Cherokee Co. – Northwest Elementary (2 <sup>nd</sup> round)	\$488.00
Grant funds awarded for recycling containers for the collection of paper, used oil will be addressed through speakers and a letter writing campaign to parents.	
Clarendon Three for Walker Gamble Elementary (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for recycling resource materials and composting. Used oil will be addressed through a poster contest.	
Darlington Co. – Lamar Electuary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling resource materials, a field trip to a recycling center, and a recycling play. Used oil awareness will be addressed through the recycling play, posters for businesses, and essays.	

**Table 9.5 continued****FY02 RECYCLING EDUCATION GRANT SUMMARY**

Florence District #1 for Southside Middle School (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for recycling resource materials and composting. Students will participate in such activities as, a recycling skit, designing a brochure about used oil, ad campaign for school news show, and a poster contest in honor of Earth Day.	
Georgetown County School District for Waccamaw High (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for recycling collection programs. Grant funds will be used to purchase recycling bins for the collection of aluminum cans and plastics. Used oil will be addressed through poster and essay contests as well as brochures and videos.	
School District of Greenville County for Baker's Chapel Elementary (1 <sup>st</sup> round)	\$198.75
Grant funds awarded to purchase recycling bins for paper collection. Used oil awareness will be addressed through public education.	
School District of Greenville County for Blue Ridge High (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for recycling resource materials and recycling collection programs for paper and aluminum cans. Used oil awareness will be addressed through various activities during Used Oil Awareness Week.	
Greenville Co. – Cone Primary (2 <sup>nd</sup> round)	\$185.00
Grant funds awarded to design a recycling handbook for each first grade student. Used oil will be addressed in the handbook.	
School District of Greenville County for Lake Forest Elementary (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for composting and recycling collection programs. Funds awarded for recycling bins. Used oil awareness will be addressed through a brochure.	
Greenville Co. – Wade Hampton High (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling bins and recycled pencils to be given out as prizes. Used oil is already integral part of their Driver Ed class. Speakers will address used oil awareness.	
Greenwood District 50 for Greenwood High (1 <sup>st</sup> round)	\$495.90
Grant funds awarded for recycling collection programs. Funds will be used for recycling bins to collect paper, newspaper, cardboard, magazines, aluminum cans, glass, plastics, and steel cans. Used oil addressed through DHEC video.	
Greenwood #50 – Lakeview Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling resource materials and special events. Recycling and used oil awareness will be promoted through slogans and ads. An Earth Day celebration will be held.	
Hampton 1 – Wade Hampton High (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for student-designed brochures. The brochures will focus on recycling and used oil issues in Hampton County.	
Lancaster County School District for Kershaw Elementary (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for resource materials and field trips. Students will participate in various recycling activities, including, activities from Action for a Cleaner Tomorrow. Students will participate in a field trip to the county recycling center. Used oil will be addressed through classroom lessons.	

**Table 9.5 continued****FY02 RECYCLING EDUCATION GRANT SUMMARY**

Laurens District 55 for Ford Elementary (1 <sup>st</sup> round)	\$500.00
Grant funds awarded to purchase resource materials that assist in the Science Standards. Students will visit the Greenwood Recycling Plant. Students will participate in a recycling program. Students will decorate collection boxes for paper. Aluminum cans will also be collected for recycling. A used oil awareness poster contest will be held.	
Laurens County School District 56	\$7,436.85
Grant funds awarded to purchase recycling bins for paper recycling. Used oil awareness will be addressed through a poster contest and Turning the Tide.	
Lexington 1 – Lexington Electuary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling containers for a paper collection program. Used will be addressed through bulletin board announcements and a student-made video.	
Lexington 2 – Airport High (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling bins. Used oil awareness is taught in the automotive classes.	
School District Five of Lexington and Richland Co.	\$7,481.00
Grant funds awarded for office recycling bins, roll carts, and 8 yd. containers for a recycling program. Schools will collect corrugated cardboard, high-grade papers, newspapers and magazines, aluminum and steel cans, and plastic bottles. Used oil awareness will be addressed through videos and lesson plans, driver education, and other activities.	
Marlboro Co. – McColl El/Mid. (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for a trailer to store and haul aluminum cans. Used oil awareness will be addressed through classroom activities, essays, and posters.	
McCormick School District 1 for McCormick Elementary (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for recycling collection program. Students will participate in paper and aluminum can recycling. A paper reduction contest will be held. Used oil will be addressed through lessons/activities.	
Orangeburg 4 – Lockett Elementary (2 <sup>nd</sup> round)	\$306.00
Grant funds awarded for recycling resource materials and collection program. Used oil awareness will be addressed through an essay contest.	
School District of Pickens County	\$7,500.00
Grant funds awarded for a variety of recycling projects at schools and the district office. Programs will include composting projects, and paper recycling, aluminum can recycling, plastic recycling, Earth Day activities, field trips to the Recycling Center, and lessons from Action for a Cleaner Tomorrow. Used oil will be addressed through activity lessons, poster contest, and essay contest.	
St. John Neumann – Richland Co. Private (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling bins for the collection of paper and aluminum cans. Used oil will be addressed through lessons from Action for a Cleaner Tomorrow.	
Richland 1 – Burton-Pack Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling bins for the collection of paper and aluminum cans. Used oil will be addressed through a poster contest and classroom lessons.	
Richland 1 – Logan Elementary (2 <sup>nd</sup> round)	\$239.00
Grant funds awarded for recycling bins for the collection of aluminum cans, plastic bottles, copy paper, magazines, and newspaper. Used oil will be addressed through classroom lessons and a project entitled, “Does Your Car Leak Oil?”	

**Table 9.5 continued****FY02 RECYCLING EDUCATION GRANT SUMMARY**

Richland County School District 1 for Mill Creek Elementary (1<sup>st</sup> round) \$500.00  
Grant funds awarded for recycling resource materials and recycling collection programs. Students will develop lessons on the disposal of used oil. Additionally a used oil poster contest will be held.

Richland 2 – Center for Knowledge (2<sup>nd</sup> round) \$400.00  
Grant funds awarded for a compost project and materials for Action for a Cleaner Tomorrow. Used oil will be addressed through posters, lessons from Action for a Cleaner Tomorrow, videos, and classroom discussions.

Saluda 1 – Hollywood Elementary (2<sup>nd</sup> round) \$500.00  
Grant funds awarded for composting, recycling resource materials and a field trip to a recycling center. Projects will include a trash sculpture contest, cleanest room contest, St. Jude's Card Recycling Program, tabs recycling, poster contest, and an aluminum can collection contest. Used oil awareness will be addressed through poems, stories, and posters.

Williamsburg Co. – C.E. Murray Jr./Sr. High (2<sup>nd</sup> round) \$500.00  
Grant funds awarded for recycling bins for paper collection. Used oil awareness will be addressed through classroom activities, such as, a student-designed t-shirt with a used oil message and a used oil video.

**Table 9.5 continued****FY02 RECYCLING EDUCATION GRANT SUMMARY**

Saint Anne Catholic School - York Co. Private (1<sup>st</sup> round) \$500.00  
 Grant funds awarded for recycling resource materials, composting, field trips, and special events. Used oil awareness will be addressed through a poster contest.

Saint Anne Catholic - York Co. Private (2<sup>nd</sup> round) \$500.00  
 Grant funds awarded for materials to support Action for a Cleaner Tomorrow. Grant funds awarded for field trips, and the St. Jude card collection program. Used oil will be addressed through a series of environmental posters.

York School District One – Cotton Belt Elementary (2<sup>nd</sup> round) \$500.00  
 Grant funds awarded for recycling resource materials, and field trips. Students will participate in a litter free lunch and will create their own original pieces of art using recycled materials. Used oil will be addressed through student essays or student-made posters.

York 1 – Hickory Grove Elementary/Sharon (2<sup>nd</sup> round) \$483.00  
 Grant funds awarded for recycling resource materials, and field trips. Students will participate in a litter free lunch and will create their own original pieces of art using recycled materials. Used oil will be addressed through student essays or student-made posters.

York 1 – Hunter Street Elementary (2<sup>nd</sup> round) \$500.00  
 Grant funds awarded for recycling resource materials, and field trips. Students will participate in a litter free lunch and will create their own original pieces of art using recycled materials. Used oil will be addressed through student essays or student-made posters.

York 1 – Jefferson Elementary (2<sup>nd</sup> round) \$500.00  
 Grant funds awarded for recycling resource materials, and field trips. Students will participate in a litter free lunch and will create their own original pieces of art using recycled materials. Used oil will be addressed through student essays or student-made posters.

York 1 – Harold C. Johnson Middle (2<sup>nd</sup> round) \$500.00  
 Grant funds awarded for recycling resource materials. Students will participate in a musical entitled “Assignment Earth.” Used oil awareness will be addressed in the musical.

York 1 – York Comprehensive High (2<sup>nd</sup> round) \$482.00  
 Grant funds awarded for recycling resource materials and field trips. Students will participate in an art unit that integrates recycling with mixed media expressionistic art by combining found objects and creating surreal setups. Used oil will be addressed through a trivia game.

York 1 – York One Academy (2<sup>nd</sup> round) \$496.00  
 Grant funds awarded for recycling resource materials and a field trip. Used oil will be addressed through discussion, and watching Bottom of the Barrel video.

York 1 – York Junior High (2<sup>nd</sup> round) \$500.00  
 Grant funds awarded for collection programs, composting, and field trips. Students will participate in paper recycling, composting, and fieldtrips to convenience center and landfill. Used oil will address through classroom activities and watching Bottom of the Barrel.

York School District 2 for Crowder's Creek Complex (1<sup>st</sup> round) \$320.00  
 Grant funds awarded for recycling collection programs, special events, and field trips. Programs include, ARD activities and campus clean-up activities. Used oil awareness will be address through videos and curriculum activities.

**Table 9.5 continued****FY02 RECYCLING EDUCATION GRANT SUMMARY**

York 2 – Crowder’s Creek Complex (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded to assist in promoting school recycling activities. Recycling booklets will be given to third and fourth grade students. Used oil will be addressed through flyers, videos, and field trips.	
York School District Three for Finley Road Elementary (1 <sup>st</sup> round)	\$500.00
Grant funds awarded for recycling resource materials, composting, field trips, and special events. Used oil awareness will be addressed through a video and field trip.	
York School District Three for Independence Elementary (1 <sup>st</sup> round)	\$493.38
Grant funds awarded for recycling resource materials and composting. Used oil awareness will be addressed through morning news program, oil pans for prizes, ARD, and videos.	
York 3 – Independence Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds are for recycling resource materials and special events. Students will participate in a recycling puppet show, St. Jude’s greeting card program, and other recycling activities. Used oil awareness will be addressed PSA’s, videos, and other activities.	
York 3 – Northside Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for recycling resource materials, composting, field trips, and special events. Students will participate in a composting project and a field trip to study how spilled oil affects animals and their habitats. Students will participate in the St. Jude’s greeting card program.	
York School District Four for Gold Hill Middle (1 <sup>st</sup> round)	\$500.00
Grant funds requested for recycling resource materials, and recycling collection programs. Funds will be used to purchase recycling bins for paper and aluminum cans. Used oil awareness will be addressed through a video and a field trip.	
York School District Four for Riverview Elementary (1 <sup>st</sup> round)	\$500.00
Grant funds requested for recycling resource materials, recycling collection programs, and special events. Used oil awareness will be addressed through a Used Oil Week, brochures, oil drain pan give-away thru PTO, and a poster contest.	
York 4 – Riverview Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for special events and field trips. Students will participate in Earth Day activities and the St. Jude’s greeting card program. Used oil will be addressed through brochures and a drawing for oil pans at the PTO meetings.	
York 4 – Springfield Elementary (2 <sup>nd</sup> round)	\$500.00
Grant funds awarded for special events and collection programs. Students will participate in Earth Day. Used oil will be promoted through videos, books, and a give-away of oil pans to parents.	

The ***Colleges and Universities Recycling Grant Program*** is designed to assist public and private institutions of higher education. The program helps schools that wish to establish or expand recycling and recycling education programs. Funds are made available from the Petroleum Fund and all projects must contain a used oil awareness component. [Refer to Table 9.6 for specifics by school.](#)

**Table 9.6**

**FY02 COLLEGIATE RECYCLING GRANT SUMMARY**

CENTRAL CAROLINA TECHNICAL COLLEGE – Sumter County	\$3378.00
Funds awarded to purchase promotional materials in promoting the campus-recycling program. Funds are also awarded for recycling containers, printing, and travel to recycling conferences. Used oil awareness is addressed through fliers, and other campus activities.	
CLEMSON UNIVERSITY – Pickens County	\$7500.00
Funds awarded to purchase recycling containers and 2 Igloo containers for campus recycling and used oil collection. Used oil awareness will be addressed through campus publications and Earth Day events and staff events.	
COLUMBIA INTERNATIONAL UNIVERSITY – Richland County	\$5300.00
Funds awarded to purchase recycling containers for cardboard collection and travel to recycling conferences. Used oil awareness will be addressed through campus publications.	
CONVERSE COLLEGE- Spartanburg County	\$6625.00
Funds awarded to purchase recycling containers, public education, promotional items, travel to recycling conferences and aluminum can trailer. Used oil awareness will be addressed through brochures.	
ERSKINE COLLEGE – Abbeville County	\$9514.00
Funds awarded to purchase recycling containers, wooden cabinets for collection of paper-recycling boxes, can crushers, and public education. Used oil awareness will be addressed through campus activities.	
FRANCIS MARION UNIVERSITY – Florence County	\$8400.00
Funds awarded to purchase Fibrex Turnkey Recycling Collection Systems. Funds are also awarded for travel to recycling conferences, and public education. Used oil awareness will be addressed through a Used Oil Awareness Day, funds will assist in the promotion of this activity.	
FURMAN UNIVERSITY - Greenville County	\$9800.00
Funds awarded to purchase recycling containers, public education, and travel to recycling conferences. Used oil awareness will be addressed through brochures and campus web site, as other campus activities.	
LUTHERAN THEOLOGICAL SOUTHERN SEMINARY – Richland County	\$8500.00
Funds awarded to purchase recycling containers, public education, and travel to recycling conferences. Used oil awareness will be addressed through brochures and campus web site, as other campus activities.	
MEDICAL UNIVERSITY OF SOUTH CAROLINA – Charleston County	\$10,000.00
Funds awarded to purchase a cardboard baler for one of their large buildings. Funds awarded for cardboard containers and travel to recycling conferences. Used oil awareness will be addressed through campus display and other activities.	
UNIVERSITY OF SOUTH CAROLINA – Richland County	\$9970.00
Funds awarded to purchase recycling containers. Used oil awareness will be addressed through the development of campus display and other activities.	

**Table 9.6 continued****FY02 COLLEGIATE RECYCLING GRANT SUMMARY**

USC –SCHOOL OF MEDICINE – Richland County	\$9600.00
Funds awarded to purchase recycling containers, public education, and a paper shredder for confidential documents so that they may be recycled. Funds awarded for travel to recycling conferences. Used oil awareness will be addressed through brochures and other campus activities.	
USC –SPARTANBURG – Spartanburg County	\$1102.00
Funds awarded to purchase recycling containers for mixed paper, public education, and travel to recycling conferences. Used oil awareness will be addressed through brochures, newspaper and other campus activities.	
WINTHROP UNIVERSITY – York County	\$9409.00
Funds awarded to purchase an Earth Tub Composter, public education, and travel to recycling conferences. Funds are awarded for contractual expenses for fluorescent tube recycling, battery recycling. Used oil awareness will be addressed through brochures, newspaper and other campus activities.	